

Title (en)

Keyed electrical connector with main and auxiliary electrical contacts.

Title (de)

Verschlüsselter elektrischer Verbinder mit Haupt- und Hilfskontakten.

Title (fr)

Connecteur électrique codé à contacts principaux et auxiliaires.

Publication

EP 0418782 A2 19910327 (EN)

Application

EP 90117859 A 19900917

Priority

US 40824089 A 19890918

Abstract (en)

A hermaphroditic or genderless electrical connector having a main housing and an auxiliary housing. The main housing contains primary electrical contacts while the auxiliary housing provides mechanical keying and, preferably, contains auxiliary electrical contacts. The auxiliary housing can be positioned within the main housing in a plurality of orientations to provide mechanical keying when the electrical connector is telescopically engaged with a duplicate electrical connector.

IPC 1-7

H01R 13/28; **H01R 13/642**; **H01R 29/00**

IPC 8 full level

H01R 13/642 (2006.01); **H01R 24/02** (2006.01); **H01R 24/18** (2006.01); **H01R 24/84** (2011.01)

CPC (source: EP US)

H01R 13/28 (2013.01 - EP US); **H01R 13/642** (2013.01 - EP US); **H01R 24/84** (2013.01 - EP US); **H01R 13/6453** (2013.01 - EP US)

Cited by

WO2006083920A1; WO03094299A1; CN111509423A; CN111492542A; DE19917644A1; US9948028B2; US10249975B2; WO2016096108A1; US7108534B2; US7267582B2; KR100978579B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

US 4990099 A 19910205; EP 0418782 A2 19910327; EP 0418782 A3 19920122; JP H03176975 A 19910731

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US 40824089 A 19890918; EP 90117859 A 19900917; JP 22018090 A 19900823